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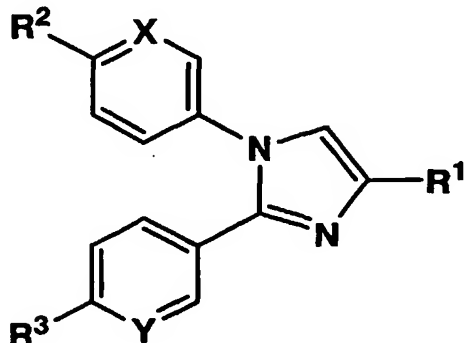
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(54) Title: 1,2-DIARYLIMIDAZOLES USEFUL AS INHIBITORS OF COX



(I)

(57) Abstract: A compound of the formula (I) : wherein R¹ is
cyano, and the like; R² is hydroxy, and the like; R³ is (lower)alkoxy,
and the like; X and Y are each CH or N; or pharmaceutically
acceptable salts thereof, which are useful as a medicament.

INTERNATIONAL SEARCH REPORT

International Application No

/JP2004/005987

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D233/54 C07D233/90 C07D401/04 A61K31/4164 A61K31/4178
A61K31/4427 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, MEDLINE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | WO 96/03388 A (SEARLE & CO ; YU YI (US); COLLINS PAUL W (US); HUFF RENEE M (US); KHAN) 8 February 1996 (1996-02-08) cited in the application page 6, lines 24-35; claims 1,4,8,19-47 | 1-10 |
| A | EP 0 257 897 A (FUJISAWA PHARMACEUTICAL CO) 2 March 1988 (1988-03-02) page 1, lines 5-8; claims 1,11 | 1-10 |
| P,X | WO 03/040110 A (AOKI SATOSHI ; HASHIMOTO NORIO (JP); KUBOTA ARIYOSHI (JP); OMORI HIROK) 15 May 2003 (2003-05-15) Examples; pages 14-16; claims 1,13-19 | 1-10 |
| | -/-- | |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- *Z* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| E | WO 2004/060367 A (MATSUSHIMA YUJI ; TAKAHASHI FUMIE (JP); FUJISAWA PHARMACEUTICAL CO (JP) 22 July 2004 (2004-07-22) Examples;claim 1 | 1-10 |

INTERNATIONAL SEARCH REPORT

international application No.
PCT/JP2004/005987

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: ⁵
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 5 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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